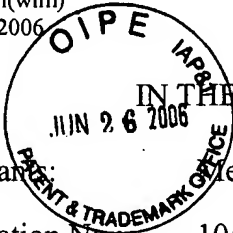


1614



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mel H. Epstein, Kjesten A. Wiig and Jeroen Verheijen

Application No.: 10/791,223

Group Art Unit: 1614

Filed: March 2, 2004

Examiner: Not assigned

Confirmation No.: 3953

Title: Methods for Treating Mild Cognitive Impairment and Alzheimer's Disease

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
June 22, 2006	Patricia L. Hillery
Date	Signature
Patricia L. Hillery	
Typed or printed name of person signing certificate	

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37-CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application file.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
  - ☒ Copies of the cited references are enclosed.
    - ☐ Copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
  - ☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
  - ☒ The listed references (A5, A14, A17, A26, B1, B3, B4, B5, B6, B7, B8, B10, C13, C82, C86, C117, C169, C173, C187, C190, C192, C223, C228, C255 and C261) were cited in the enclosed International Search Reports in related foreign applications.
  - ☒ The "concise explanation" requirement (non-English references) for reference B1 under 37 CFR 1.98(a)(3) is satisfied by:
    - ☐ the explanation provided on the attached sheet.
    - ☐ the explanation provided in the Specification.
    - ☐ submission of the enclosed International Search Report.
    - ☒ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action and related English language patent (A3)
    - ☐ the enclosed English language abstract.

- [X] Applicant requests that the following non-published pending applications be considered:  
*(Affix a label or apply the stamp "Non-Published IDS Reference - Do Not Scan" to the front of each unpublished pending appl'n.)*

Examiner's  
Initials

- \_\_\_\_ U.S. Patent Application No. 11/133,144, by Mel H. Epstein, Kjesten A. Wiig and Randall L. Carpenter, filed May 19, 2005, Docket No.: 3474.1001-014.
- \_\_\_\_ U.S. Patent Application No. 10/557,095, by Mel H. Epstein, Kjesten A. Wiig, Randall L. Carpenter, Peter Zarevics and H. Moore Arnold, filed November 17, 2005, Docket No.: 3474.1001-018.
- \_\_\_\_ U.S. Patent Application No. 11/305,495, by Mel H. Epstein and Kjesten A. Wiig, filed December 15, 2005, Docket No.: 3474.1001-020.
- \_\_\_\_ U.S. Patent Application No. 11/303,633, by Mel H. Epstein and Kjesten A. Wiig, filed December 15, 2005, Docket No.: 3474.1001-021.

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

- [X] A copy of each above-cited application, including the current claims, is enclosed, except any application filed on or after June 30, 2003, which has been scanned into the PTO's Image File Wrapper (IFW) system and is available to the examiner.
- [ ] A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

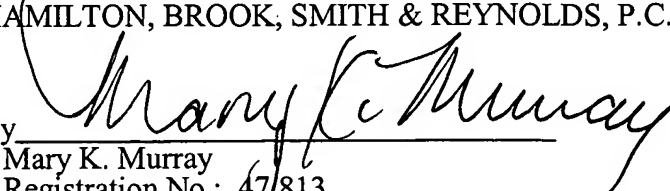
Method of payment:

- [ ] A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- [ ] Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.
- [X] Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By

  
 Mary K. Murray  
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Dated: *June 22, 2006*

449 REPRODUCED


**INFORMATION DISCLOSURE STATEMENT  
IN AN APPLICATION**

June 19, 2006

(Use several sheets if necessary)

 ATTORNEY DOCKET NO.  
3474.1001-011

 APPLICATION NO.:  
10/791,223

 FIRST NAMED INVENTOR  
Mel H. Epstein

 FILING DATE  
March 2, 2004

 EXAMINER  
Not assigned

 CONFIRMATION NO.  
3953

 GROUP  
1614

**U.S. PATENT DOCUMENTS**

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	A1	2002/0066457	06-06-2002	Landfield, <i>et al.</i>
	A2	2,828,343	03-25-1958	Tindall, J. B.
	A3	3,728,445	04-17-1973	Bardani
	A4	3,996,381	12-07-1976	Florvall, <i>et al.</i>
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	A8	4,598,094	07-01-1986	Wurtman, R. J., <i>et al.</i>
	A9	4,636,494	06-13-1987	Growdon, J. H., <i>et al.</i>
	A10	4,647,591	03-03-1987	Cherkin, <i>et al.</i>
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	A14	5,151,449	09-29-1992	Milgram
	A15	5,220,068	06-15-1993	Knoll, <i>et al.</i>
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	A18	5,684,018	11-04-1997	Alexander, J.
	A19	5,914,129	06-22-1999	Mauskop, A.
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	A25	6,492,427 B2	12-10-2002	Shankar, <i>et al.</i>
	A26	6,635,675 B2	10-21-2003	Kranzler, <i>et al.</i>

EXAMINER

DATE CONSIDERED

PTO-1449 REPRODUCED

## INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION

**June 19, 2006**

(Use several sheets if necessary)

ATTORNEY DOCKET NO.  
3474.1001-011

APPLICATION NO.:  
10/791,223

FIRST NAMED INVENTOR  
Mel H. Epstein

FILING DATE  
March 2, 2004

EXAMINER  
Not assigned

CONFIRMATION NO.  
3953

GROUP  
1614

## FOREIGN PATENT DOCUMENTS

[illegible]

EXAMINER

DATE CONSIDERED

PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  <b>June 19, 2006</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3474.1001-011		APPLICATION NO.: 10/791,223	
	FIRST NAMED INVENTOR Mel H. Epstein		FILING DATE March 2, 2004	
	EXAMINER Not assigned		CONFIRMATION NO. 3953	GROUP 1614

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

C1	Alafuzoff, I., <i>et al.</i> , "Selegiline Treatment and the Extent of Degenerative Changes in Brain Tissue of Patients with Alzheimer's Disease," <i>Eur. J. Clin. Pharmacol.</i> , 55:815-819 (2000).
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EXAMINER	DATE CONSIDERED
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	EXAMINER Not assigned	CONFIRMATION NO. 3953	GROUP 1614	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

C13	Barch, D. M., <i>et al.</i> , "The Effects of D-Amphetamine on Language Function in Schizophrenia," <i>Society for Neuroscience Abstracts</i> 23(1-2):p. 1952 (1997).
C14	Bartus, R. T., "Drugs to Treat Age-Related Neurodegenerative Problems," <i>JAGS</i> , 38(6):680-695 (1990).
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EXAMINER	DATE CONSIDERED
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PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  <b>June 19, 2006</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3474.1001-011		APPLICATION NO.: 10/791,223	
	FIRST NAMED INVENTOR Mel H. Epstein		FILING DATE March 2, 2004	
	EXAMINER Not assigned		CONFIRMATION NO. 3953	GROUP 1614

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
C26	Bishop, J., <i>et al.</i> , "Toxicology and Carcinogenesis Studies of <i>dl</i> -Amphetamine Sulfate in F344/N Rats and B6C3F <sub>1</sub> Mice," (Technical Report Series No. 387). Research Triangle Park, NC: National Toxicology Program, U. S. Department of Health and Human Services (1991).	
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C30	Bromage, P. R., "Comparison of Vasoactive Drugs in Man," <i>Bri. Med. J.</i> , 72-74 (July 12, 1952).	
C31	Brown, G. L., "Plasma Levels of <i>d</i> -Amphetamine in Hyperactive Children," <i>Psychopharmacology</i> , 62:133-140 (1979).	
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C37	Cappon, G. D. and Vorhees, C. V., "Plasma and Brain Methamphetamine Concentrations in Neonatal Rats," <i>Neurotoxicol. Teratol.</i> , 23:81-88 (2001).	

EXAMINER	DATE CONSIDERED
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PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  <b>June 19, 2006</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3474.1001-011		APPLICATION NO.: 10/791,223	
	FIRST NAMED INVENTOR Mel H. Epstein		FILING DATE March 2, 2004	
	EXAMINER Not assigned		CONFIRMATION NO. 3953	GROUP 1614

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

C38	Carr, G. D. and White, N. M., "The Relationship Between Stereotypy and Memory Improvement Produced by Amphetamine," <i>Psychopharmacology</i> 82:203-209 (1984).
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C39	Chapman, D. E., <i>et al.</i> , "Long-Term Changes in Basal Ganglia Function After a Neurotoxic Regimen of Methamphetamine," <i>J. Pharmacol.Exp. Ther.</i> , 296(2):520-527 (2001).
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C47	Cody, J. T., "Metabolic Precursors to Amphetamine and Methamphetamine," <i>Forensic Sci. Rev.</i> , 5(2):110-127 (1993).
C49	Comer, S. D., <i>et al.</i> , "Effects of Repeated Oral Methamphetamine Administration in Humans," <i>Psychopharmacology</i> , 155:397-404 (2001).
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EXAMINER	DATE CONSIDERED
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PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  June 19, 2006  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3474.1001-011		APPLICATION NO.: 10/791,223	
	FIRST NAMED INVENTOR Mel H. Epstein		FILING DATE March 2, 2004	
	EXAMINER Not assigned		CONFIRMATION NO. 3953	GROUP 1614

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

C51	Cooke, B. J. A., "Chirality of Methamphetamine and Amphetamine From Workplace Urine Samples," <i>J. Anal Toxicol.</i> , 18:49-51 (1994).
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C53	Corsi-Cabrera, M., <i>et al.</i> , "Gender Differences in the EEG During Cognitive Activity," <i>Intern. J. Neurosci.</i> 72:257-264 (1993).
C54	Courtney, K. D. and Valerio, D.A., "Teratology in the <i>Macaca mulatta</i> ," <i>Teratology</i> , 1:163-172 (1968).
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C57	Csanda, E., <i>et al.</i> , "Experiences With L-Deprenyl in Parkinsonism," <i>J. Neural Transm.</i> , 43:263-269 (1978).
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C57	DeLuca, J., "Cognitive Dysfunction After Aneurysm of the Anterior Communicating Artery," <i>J. Clin. Exp. Neuropsychol.</i> , 14(6):924-934 (1992).
C61	Dixit, S. N., <i>et al.</i> , "Effect of Selegiline on Cognitive Functions in Parkinson's Disease," <i>JAPI</i> , 47(8):784-786 (1999).
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C63	Dring, L. G., <i>et al.</i> , "The Metabolic Fate of Amphetamine in Man and Other Species," <i>Biochem. J.</i> , 116:425-435 (1970).

EXAMINER	DATE CONSIDERED
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	FIRST NAMED INVENTOR Mel H. Epstein		FILING DATE March 2, 2004	
	EXAMINER Not assigned		CONFIRMATION NO. 3953	GROUP 1614

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EXAMINER	DATE CONSIDERED
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